



Tomorrow's Elastic  
Adaptive Mobility



Dublin, Ireland | 4-7 June 2013

## TEAM integrated project

**Dr. Angelos Amditis, ICCS**

9<sup>th</sup> ITS European Congress

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This project is co-funded  
by the European Union



# Outline



- (1)** Vision
- (2)** General facts
- (3)** Objectives
- (4)** Expected results

## Vision – Key concepts



TEAM turns static into **elastic mobility** by joining drivers, travellers and infrastructure operators in to a **collaborative network**, to balance individual and global mobility needs.

Drivers, travelers and infrastructure will **act as a team** adapting to each other and to the situation, creating optimized mobility conditions.

**Collaboration** is the key concept, which extends the cooperative concept of vehicle-2-x systems with interaction and participation.

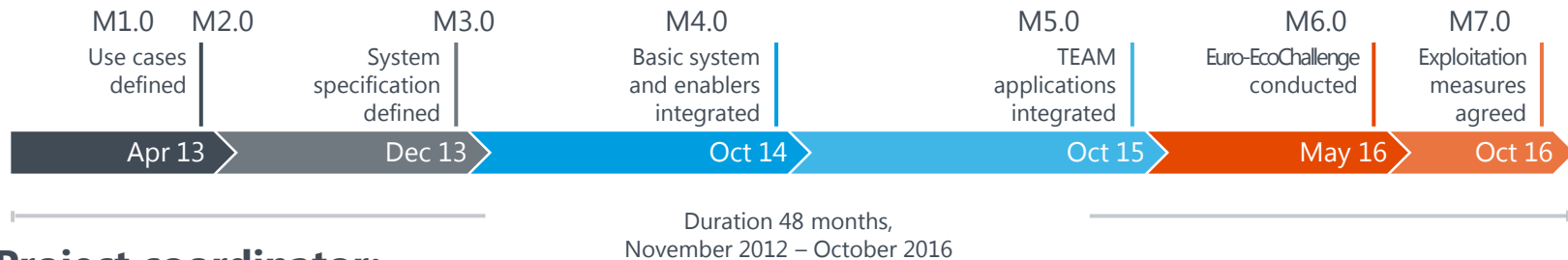
# General facts



**Duration:** 48 months

**Total budget:** € 17.4M

**EU funding:** € 11.1M



## Project coordinator:

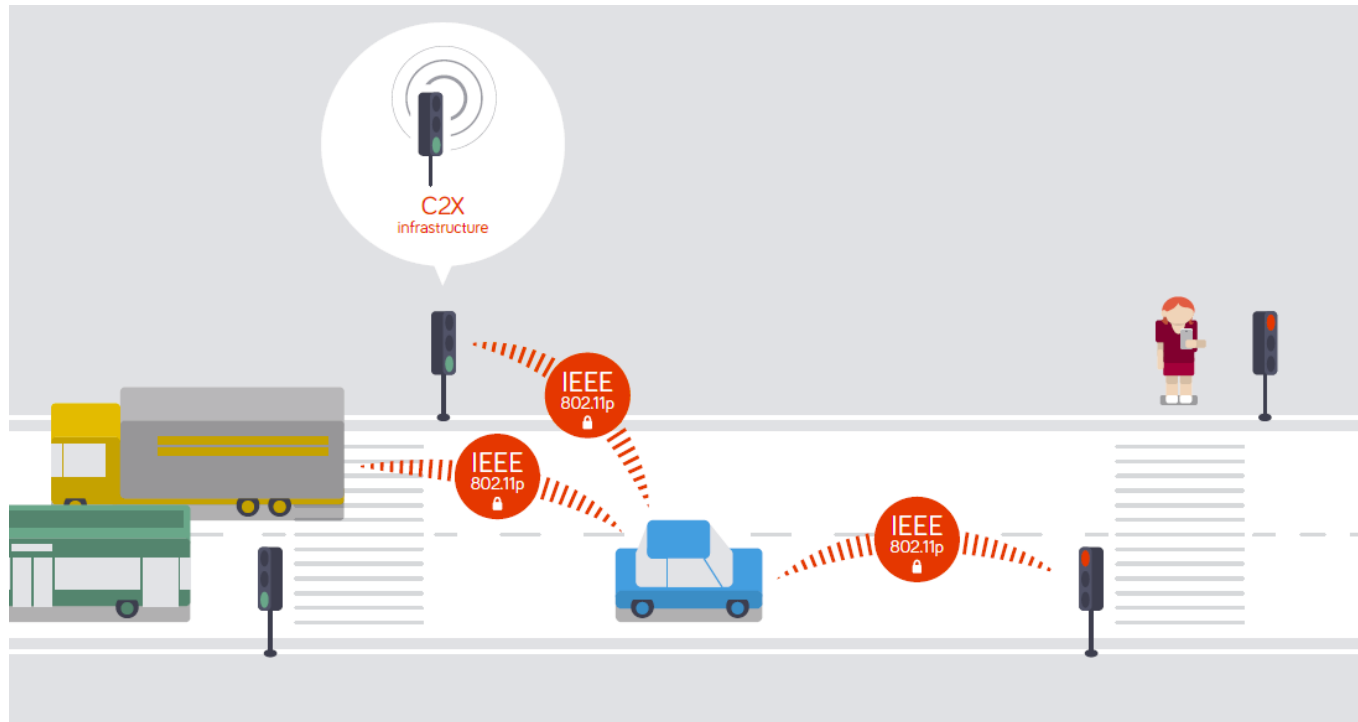
Ilja Radusch, Fraunhofer FOKUS ([ilja.radusch@fokus.fraunhofer.de](mailto:ilja.radusch@fokus.fraunhofer.de))

## Project partners:

- **OEMs:** BMW Forschung & Technik, Centro Ricerche Fiat, Volvo Technology
- **ICT:** Cosmote, Delphi, EICT, Intel, Intel Mobile Communications, Navteq, NEC, NXP, RE:Lab, Telecom Italia,
- **Infrastructure:** 5T, e-Trikala, Infotrip, Ramboll, Swarco Mizar, Swarco Traffic Systems
- **Research:** Austrian Institute of Technology, Create-Net, Fraunhofer FOKUS & IAO, Institute of Communication & Computer Systems (ICCS), National University of Ireland, TU Berlin COGA & DCAITI, University of Genoa, VTT

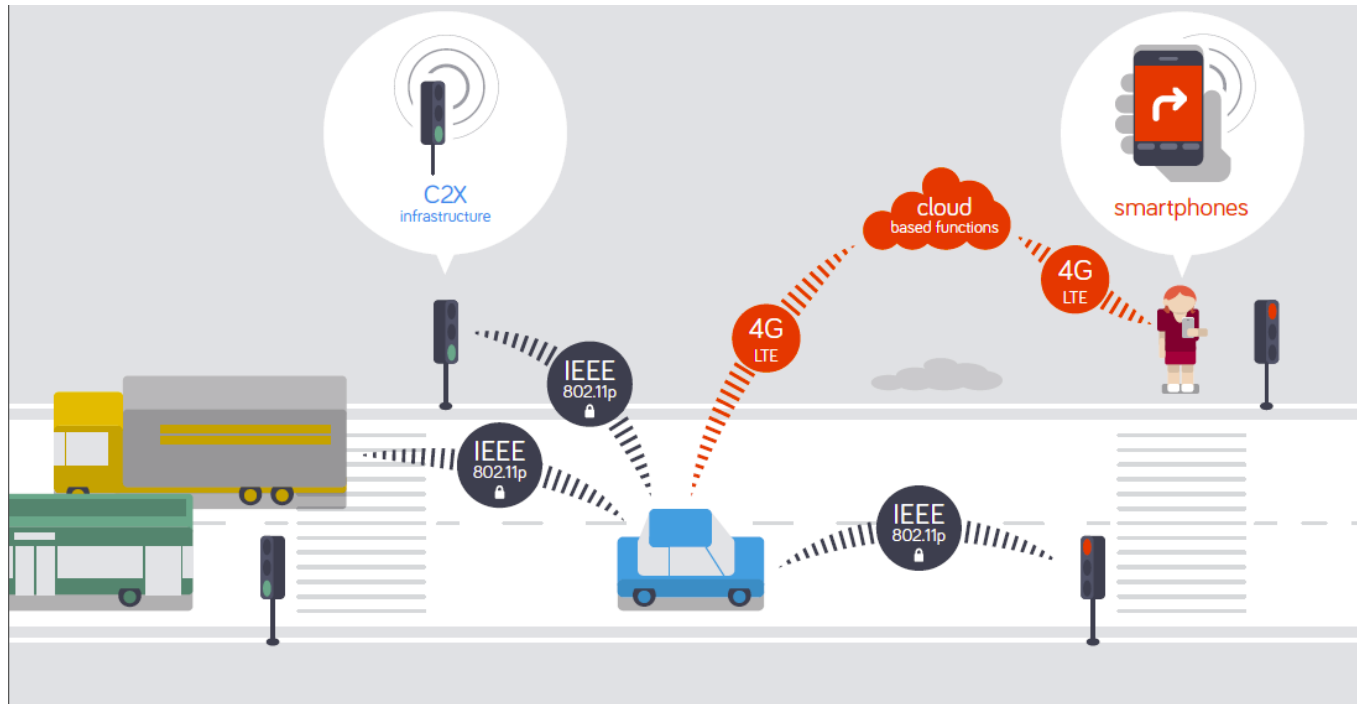
# TEAM in Pictures...

## Vehicles and infrastructure already communicate



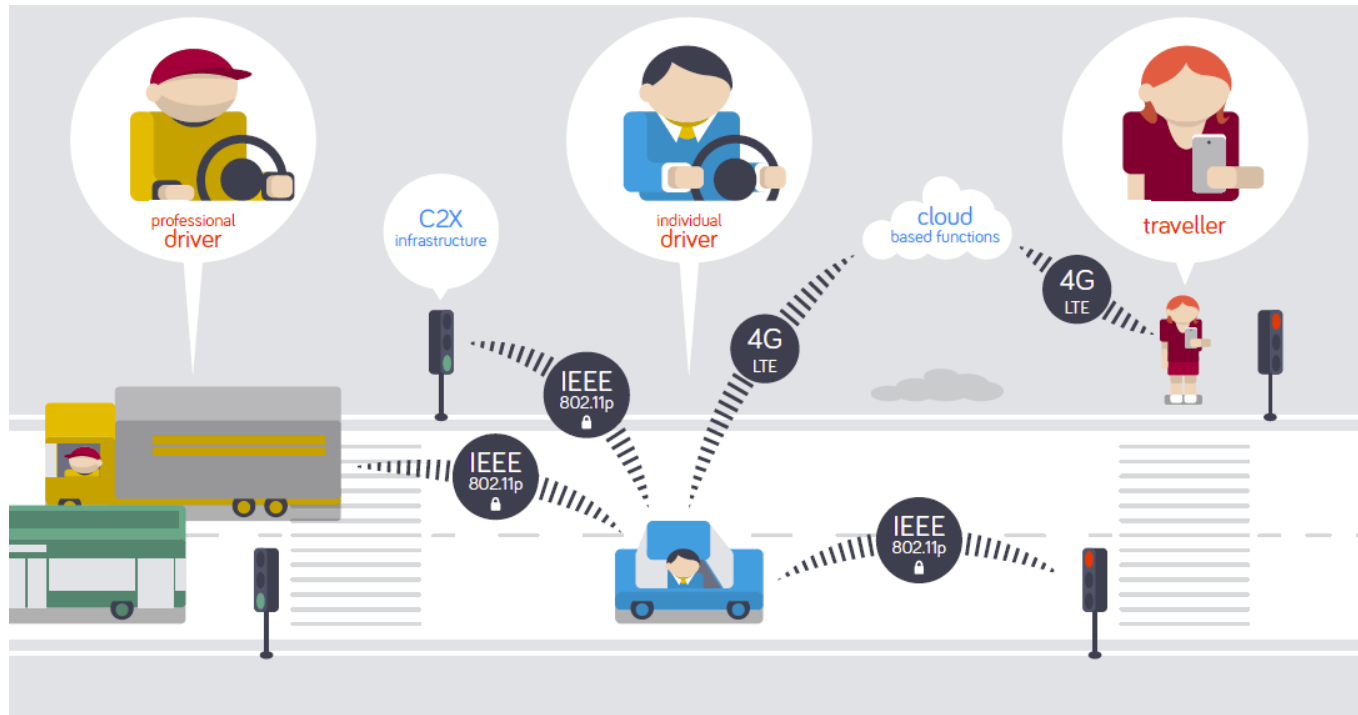
# TEAM in Pictures...

## Smartphones and cloud services will be connected, too



# TEAM in Pictures...

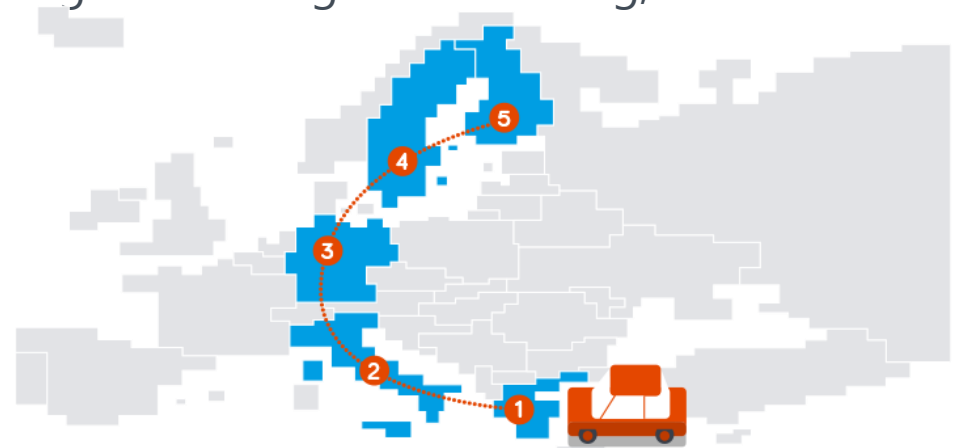
## Drivers and travellers will participate



# Expected results

## Overview

- Novel distributed “best-effort” sensing and optimization algorithms;
- Cloud-based local dynamic map services and associated communication technologies;
- Off-board and on-board telematics services and in-vehicle smartphone integration;
- Coaching mechanisms for safe and green driving and travelling;
- The Euro-EcoChallenge.





# Thank you!

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## Contact

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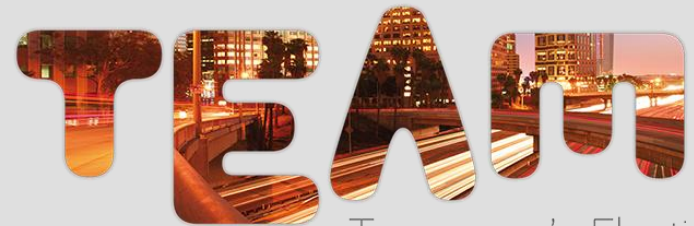
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